

MAT701A Math Research & Presentation Project

CATEGORY	4	3	2	1
Following Directions	Group followed all directions exactly	Group followed most directions	Group followed some directions	Group did not follow several directions
Mathematical Concepts	Explanation shows complete understanding of the mathematical concepts used to solve the problem(s).	Explanation shows substantial understanding of the mathematical concepts used to solve the problem(s).	Explanation shows some understanding of the mathematical concepts needed to solve the problem(s).	Explanation shows very limited understanding of the underlying concepts needed to solve the problem(s) OR is not written.
Explanation	Explanation is detailed and clear.	Explanation is clear.	Explanation is a little difficult to understand, but includes critical components.	Explanation is difficult to understand and is missing several components OR was not included.
Mathematical Terminology and Notation	Correct terminology and notation are always used, making it easy to understand what was done.	Correct terminology and notation are usually used, making it fairly easy to understand what was done.	Correct terminology and notation are used, but it is sometimes not easy to understand what was done.	There is little use, or a lot of inappropriate use, of terminology and notation.
Diagrams and Pictures	Diagrams and/or pictures are clear and greatly add to the reader's understanding of the procedure(s).	Diagrams and/or pictures are clear and easy to understand.	Diagrams and/or pictures are somewhat difficult to understand.	Diagrams and/or pictures are difficult to understand or are not used.
Neatness and Organization	The work is presented in a neat, clear, organized fashion that is easy to read.	The work is presented in a neat and organized fashion that is usually easy to read.	The work is presented in an organized fashion but may be hard to read at times.	The work appears sloppy and unorganized. It is hard to know what information goes together.
Collaboration	The group worked well together and needed no help from the teacher.	The group worked well together and needed a little help from the teacher.	The group worked well together sometimes and needed help from the teacher.	The group did not work well together and needed significant help from the teacher.
Class Feedback • Usefulness (1-3) • Clarity (1-3) • Creativity (1-3)	Total of 9 points	Total of 7 and 8 points	Total of 5 or 6 points	Total below 5 points